

CLAIMS

What is claimed is:

1. An alkylphenol ethoxylate-free polymer binder, said polymer binder formed by emulsion polymerization and having a peel value of 35 % to 200 % of a standard alkylphenol ethoxylate-based polymer binder control and a cure profile in which 55 % cure is achieved within 30 seconds of being exposed to a temperature required for cure, said polymer binder having properties that render it effective as a binder in a crepe process.

2. The polymer binder of claim 1 wherein said crepe process is a double recrepe process.

3. The polymer binder of claim 2 wherein the peel value is 50 to 125 % of control binder.

4. An alkylphenol ethoxylate-free polymer binder, said polymer binder formed by emulsion polymerization and having a peel value of 35 % to 200 % of a standard alkylphenol ethoxylate-based polymer binder control and a cure profile in which 55 % cure is achieved within 30 seconds of being exposed to a temperature required for cure, said polymer binder having properties that render it effective as a binder in a double recrepe process.